

REMARKS

Claims 65-71 and 74-84 are pending. Claims 74 and 80 have been amended, and claims 65-71 and 75-78 have been canceled in this reply. New claims 85 and 86 have been added to further define the scope of the invention. Claims 74 and 79-86 therefore will be pending upon entry of the above amendments.

Claims 65-71 and 74-84 have been rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. patent no. 5,458, 426 (Ito). Claims 68-71, 74, 79, 81, and 82 have been rejected, in the alternative, under 35 U.S.C. § 103(a) as being obvious over Ito in view of U.S. patent no. 5,240,434 (Yagi). Claims 65-71 and 75-78 have been canceled herein, thereby rendering these rejections moot with respect to those claims.

Claim 74 has been amended to recite a power contact comprising a first flexible beam adjoining the first planar panel, a second flexible beam adjoining the second planar panel, and separated contact terminals that extend from the first planar panel and the second planar panel in a direction perpendicular to the first flexible beam and the second flexible beam, the first and second flexible beams defining a heat flow path therebetween; wherein heat dissipation can occur from the heat flow path defined between the first flexible beam and the second flexible beam.

Claim 80 has been amended to recite an electrically-conductive contact comprising a first flexible beam adjoining a forward edge of the first contact wall, and a second flexible beam adjoining a forward edge of the second contact wall, the first and second flexible beams each having a width, the first and second flexible beams defining a heat flow path therebetween, the heat flow path being unobstructed in a widthwise direction of the first and second flexible beams.

Support for the above amendments can be found, *inter alia*, at Figures 1, 6, 17, and 23 of the original application.

The metal terminal (1) of Ito does not include separated contact terminals that extend from a first planar panel and a second planar panel in a direction perpendicular to a first flexible beam and a second flexible beam, as recited in amended claim 74 of the present application. Yagi likewise neither teaches nor suggests these features. Applicants therefore

DOCKET NO.: FCI-2701/4524B (C7123B)
Application No.: 09/886,550
Office Action Dated: May 10, 2005

**PATENT
REPLY FILED UNDER EXPEDITED
PROCEDURE PURSUANT TO
37 CFR § 1.116**


respectfully submit that that claim 74, as amended herein, is patentably distinct from Ito, and from the combination of Ito and Yagi.

The terminal connecting portion (7) of the metal terminal (1) of Ito is a rectangular tube. Ito spec. at col. 2, lines 44-47. *See also* Fig. 2 of Ito. The terminal connecting portion (7) does not include a first and a second flexible beam defining a heat flow path therebetween, the heat flow path being unobstructed in a widthwise direction of the first and second flexible beams. Yagi likewise neither teaches nor suggests these features. Applicants therefore respectfully submit that that claim 80, as amended herein, is patentably distinct from Ito, and from the combination of Ito and Yagi.

Withdrawal of the rejection of claims 74 and 80 (and claims 79 and 81-84, which depend therefrom) under 35 U.S.C. §§ 102(b) or 103(a) is respectfully requested.

A notice of allowability is respectfully requested.

Date: August 29, 2005



Frank T. Carroll
Registration No. 42,392

Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439